

What is claimed is:

1. A band clamp comprising:

a band portion having first and second ends;

a first insertion member provided on said first end of said band portion and a second insertion member provided on said second end of said band portion;

a first lock finger extending outwardly and downwardly from an upper edge of said first insertion member and a second lock finger extending outwardly and downwardly from an upper edge of said second insertion member; and

a joining device configured to join together said first and second insertion members;

wherein, in a first position of said band clamp, a space is provided between said first insertion member on said first band portion end and said second insertion member on said second band portion end, said space configured to receive a wire harness therethrough, and in a second position, said space is closed and said first insertion member and said second insertion member are joined together by said joining device, said joined together first and second insertion members configured to be inserted into a mounting aperture in a vehicle body panel so that said first and second lock fingers secure the wire harness to the vehicle body panel.

2. The band clamp according to claim 1, wherein:

said first insertion member comprises a first insertion plate extending from said first band portion end;

said second insertion member comprises a second insertion plate extending from said second band portion end; and

wherein, in said second position, said first and second insertion plates are joined together forming an insertion peg configured to be inserted into the mounting aperture in the vehicle body panel.

3. The band clamp according to claim 1, further comprising:

a first lip portion provided at an end of said first lock finger and a second lip portion provided at an end of said second lock finger;

wherein, said first and second lip portions are configured to contact edges of the mounting aperture in the vehicle body panel when said band clamp is in said second position.

4. The band clamp according to claim 3, further comprising:

a first semicircular flange provided on said first insertion member and a second semicircular flange provided on said second insertion member;

wherein, in said second position, said first and second semicircular flanges are joined together forming a substantially circular flange, said substantially circular flange configured to contact the edges of the mounting aperture on an opposite surface of the vehicle body panel so that the edges of the mounting aperture are positioned between said first and second lip portions and said substantially circular flange.

5. The band clamp according to claim 1, wherein said band clamp is formed unitarily and in one piece.

6. The band clamp according to claim 1, said joining device further comprising:

an inwardly extending L-shaped lock claw provided on at least one of said insertion members; and

a lock notch provided as a recessed portion at an upper edge of a facing one of said insertion members;

wherein, by hooking said lock claw over said lock notch said insertion members are joined together and said band portion is securely closed around the wire harness.

7. The band clamp according to claim 1, said band clamp further comprising:

a stop tab provided as an inwardly extending portion of a lower edge of at least one of said insertion members; and

a tab notch provided within a facing one of said insertion members;

wherein in said second position said stop tab is inserted into said tab notch to form contact surfaces that prevent relative horizontal displacement between said first and second insertion members.

8. The band clamp according to claim 1, said joining device further comprising:

first and second L-shaped lock claws provided on said first insertion member, and a third L-shaped lock claw provided on said second insertion member; and

first and second lock notches provided on said second insertion member, said third L-shaped lock claw positioned between said first and second lock notches, and a third lock notch provided on said first insertion member, said third lock notch positioned between said first and second L-shaped lock claws;

wherein, by hooking said first, second, and third lock claws over said first, second, and third, lock notches, respectively, said first and second insertion members are joined together and said band portion is securely closed around the wire harness.

9. The band clamp according to claim 1, said band clamp further comprising:

P23496.S02

a first stop tab provided as an inwardly extending portion of a lower edge of said first insertion member and a second stop tab provided as an inwardly extending portion of a lower edge of said second insertion member; and

a first tab notch provided on said first insertion member and a second tab notch provided on said second insertion member;

wherein in said second position said first stop tab is inserted into said second tab notch and said second stop tab is inserted into said first tab notch to form contact surfaces that prevent relative horizontal displacement between said first and second insertion members.

10. In combination, a vehicle body panel portion;

a wire harness; and

a band clamp according to claim 1.